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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/683,136 Confirmation No.: 4093
Applicants: James C. Lyke et al.
Filed: November 26, 2001
Art Unit: 2124
Examiner: Mai, Tan V.

Title: FINITE-DIFFERENCE SOLVER BASED ON FIELD
PROGRAMMABLE INTERCONNECT DEVICES

AFRL No.: PRS078
Customer No.: 31423

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JUN 01 2004

Technology Center 2100

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Amendment Responsive to the First Office Action

Sir:

In response to the first Office Action mailed on 03/31/04, and having a shortened statutory response period that extends through 6/30/04, kindly amend the specification and claims as hereinafter indicated and reconsider the patentability of the claims now presented in view of the following remarks.

Amendments to the abstract are on page 2 of this paper.

Amendments to the disclosure begin on page 3 of this paper.

Amendments to the claims are reflected in the listing of claims that begins on page 5 of this paper. New claims 6-12 are also included in the claim listing.

The Remarks begin on page 9 of this paper.

Also enclosed herewith is a revised FIG. 14c, together with letter to the Official Draftsperson and a marked copy of the original, which illustrates the change to the drawing in red ink.